

## 福島県立医科大学 学術機関リポジトリ



Title	放射線生命科学講座( 論文・著書・発表等 )
Author(s)	
Citation	福島県立医科大学業績集. 29: 42-45
Issue Date	2019-03-19
URL	<a href="http://ir.fmu.ac.jp/dspace/handle/123456789/794">http://ir.fmu.ac.jp/dspace/handle/123456789/794</a>
Rights	©2019 福島県立医科大学
DOI	
Text Version	publisher

This document is downloaded at: 2023-05-05T00:09:25Z

## 放射線生命科学講座

### 論 文

#### 〔原 著〕

Yasui K, Kimura Y, Kamiya K, Miyatani R, Tsuyama N, Sakai A, Yoshida K, Yamashita S, Chhem R, Abdel-Wahab M, Ohtsuru A. Academic Responses to Fukushima Disaster. *Asia-Pacific Journal of Public Health*. 201703; 29(2\_suppl):99S-109S.

Mizuno H, Ueda K, Kobayashi Y, Tsuyama N, Todoroki K, Min JZ, Toyo'oka T. The great importance of normalization of LC-MS data for highly-accurate non-targeted metabolomics. *Biomedical Chromatography*. 201701; 31(1):e3864.

Hayashi Y, Nagai M, Ohira T, Satoh H, Sakai A, Ohtsuru A, Hosoya M, Kawasaki Y, Suzuki H, Takahashi A, Sugiura Y, Shishido H, Takahashi H, Yasumura S, Kazama JJ, Hashimoto S, Kobashi G, Ozasa K, Abe M. The impact of evacuation on the incidence of chronic kidney disease after the Great East Japan Earthquake: The Fukushima Health Management Survey. *Clinical and Experimental Nephrology*. 201712; 21(6):995-1002.

Satoh H, Ohira T, Nagai M, Hosoya M, Sakai A, Yasumura S, Ohtsuru A, Kawasaki Y, Suzuki H, Takahashi A, Sugiura Y, Shishido H, Hayashi Y, Takahashi H, Kobashi G, Ozasa K, Hashimoto S, Ohto H, Abe M, Kamiya K. Evacuation is a Risk Factor for the Development of Diabetes among Evacuees from the Great East Japan Earthquake: A 4-Year Follow-Up Study of the Fukushima Health Management Survey. *Diabetes & Metabolism*. 201710; S1262-3636(17)30517-7.

Takahashi A, Ohira T, Yasumura S, Nagai M, Ohira H, Hashimoto S, Satoh H, Sakai A, Ohtsuru A, Kawasaki Y, Suzuki H, Kobashi G, Ozasa K, Yamashita S, Kamiya K, Abe M. Effect of evacuation on liver function after the Fukushima Daiichi Nuclear Power Plant accident. *Journal of Epidemiology*. 201704; 27(4):180-185.

Hashimoto S, Nagai M, Ohira T, Hosoya M, Yasumura S, Satoh H, Suzuki H, Sakai A, Ohtsuru A, Kawasaki Y, Takahashi A, Ozasa K, Kobashi G, Kamiya K, Yamashita S, Fukuma S, Fukuhara S, Ohto H, Abe M; Fukushima Health Management Survey Group. Influence of post-disaster evacuation on incidence of metabolic syndrome: The Fukushima Health Management Survey. *Journal of Atherosclerosis and Thrombosis*. 201703; 24(3):327-337.

Ishikawa T, Takahashi H, Yasumura S, Ohtsuru A, Sakai A, Ohira T, Sakata R, Ozasa K, Akahane K, Yonai

S, Kurihara O, Kamiya K, Abe M. Representativeness of individual external doses estimated for one quarter of residents in the Fukushima Prefecture after the nuclear disaster: The Fukushima Health Management Survey. *Journal of Radiological Protection*. 201709; 37(3):584-605.

Sakai A, Nakano H, Ohira T, Hosoya M, Yasumura S, Ohtsuru A, Satoh H, Kawasaki Y, Suzuki S, Takahashi A, Sugiura Y, Shishido H, Hayashi Y, Takahashi H, Kobashi G, Ozasa K, Hashimoto S, Ohto H, Abe M; Fukushima Health Management Survey Group. Persistent prevalence of polycythemia among evacuees 4 years after the Great East Japan Earthquake: a follow-up study. *Preventive Medicine Reports*. 201701; 5:251-256.

Takahashi A, Ohira T, Uemura M, Hosoya M, Yasumura S, Hashimoto S, Ohira H, Sakai A, Ohtsuru A, Satoh H, Kawasaki Y, Suzuki H, Sugiura Y, Shishido H, Hayashi Y, Takahashi H, Nakano H, Kobashi G, Ozasa K, Ohto H, Abe M. Changes in Hepatobiliary Enzyme Abnormality After the Great East Japan Earthquake: The Fukushima Health Management Survey. *Scientific Reports*. 201704; 7(1):710.

Kawamura F, Inaki M, Katafuchi A, Abe Y, Tsuyama N, Kurosu Y, Yanagi A, Higuchi M, Muto S, Yamaura T, Suzuki H, Noji H, Suzuki S, Yoshida MA, Sasatani M, Kamiya K, Onodera M, Sakai A. Establishment of induced pluripotent stem cells from normal B cells and inducing AID expression in their differentiation into hematopoietic progenitor cells. *Scientific Reports*. 201705; 7(1):1659.

#### 〔総説等〕

Ohira T, Nakano H, Nagai M, Yumiya Y, Zhang W, Uemura M, Sakai A, Hashimoto S; Fukushima Health Management Survey Group. Changes in Cardiovascular Risk Factors after the Great East Japan Earthquake: A Review of the Comprehensive Health Check in the Fukushima Health Management Survey. *Asia-Pacific Journal of Public Health*. 201703; 29(2\_suppl):47S-55S.

坂井 晃. 電気泳動法を基盤とする多発性骨髄腫の臨床と研究の進歩 多発性骨髄腫の腫瘍起源異常 B リンパ球の解明にむけて. *電気泳動*. 201711; 61(2):97-99.

津山尚宏. 放射線メタボローム解析. *放射線生物研究*. 201709; 52(3):291-306.

#### 〔その他〕

水野 初, 津山尚宏. 升島努先生を偲んで—1 細胞質量分析までの研究の足跡—. *質量分析*. 201708; 65(4):141-145.

福田俊章, 石川和信, 坂井 晃, 挟間章博, 岡田達也, 志村清仁, 永福智志, 長谷川有史, 藤野美都子. 医学セミナーの試み 2016. *福島医学雑誌*. 201712; 67(3):171-172.

## 研究発表等

### 〔研究発表〕

Yanagi A, Kawamura F, Inaki M, Katafuchi A, Abe Y, Tsuyama N, Yanai Y, Sugai M, Higuchi M, Muto S, Yamaura T, Suzuki H, Noji H, Suzuki S, Yoshida M, Sasatani M, Kamiya K, Onodera M, Sakai A. B cell-derived induced pluripotent stem cells are useful for determining the cellular origin of abnormal B cells in multiple myeloma. 2017 ASH Annual Meeting; 20171209; Atlanta, USA.

Kawamura F, Inaki M, Katafuchi A, Abe Y, Tsuyama N, Kurosu Y, Yanagi A, Higuchi M, Muto S, Yamaura T, Suzuki H, Noji H, Suzuki S, Yoshida M, Sasatani M, Kamiya K, Onodera M, Sakai A. Establishment of iPSCs from B lymphocytes and AID Expression in their Hematopoietic Stem Cells. 第 16 回日本再生医療学会総会; 20170307; 仙台.

坂井 晃. 正常 B リンパ球由来 iPS 細胞 (BiPSC) を用いた多発性骨髄腫の腫瘍起源異常 B リンパ球の解明に向けて. 第 34 回広島多発性骨髄腫研究会; 20170415; 広島.

石川徹夫, 高橋秀人, 安村誠司, 大津留晶, 坂井 晃, 大平哲也, 坂田 律, 小笹晃太郎, 赤羽恵一, 米内俊祐, 栗原 治, 神谷研二. 福島県民健康調査基本調査によって推定された個人外部被ばく線量の代表性に関する研究. 日本保健物理学会第 50 回研究発表会; 20170628; 大分.

阿部 悠, 吉田光明, 藤岡来実, 黒須由美子, 氏家里紗, 柳 亜希, 津山尚宏, 三浦富智, 稲葉俊哉, 神谷研二, 坂井 晃. Dose-response curves for analyzing of dicentric chromosomes and chromosome translocation following doses of 1,000 mGy or less based on irradiated peripheral blood samples from 5 healthy individuals. 医学研究科大学院研究発表会・サマーポスターセッション; 20170710-14; 福島.

Yanagi A, Inaki M, Katafuchi A, Kawamura F, Abe Y, Tsuyama N, Kurosu Y, Higuchi M, Muto S, Yamaura T, Suzuki H, Noji H, Suzuki S, Yoshida M, Sasatani M, Kamiya K, Onodera M, Sakai A. Establishment of iPSC cells from normal B cells and AID expression in hematopoietic progenitor cells. 第 79 回日本血液学会学術集会; 20171020; 東京.

津山尚宏, 水野 初, 山本健太, 植田一樹, 三角宗近, 村上秀子, 大石和佳, 長町安希子, 稲葉 修, 高橋規郎. 高血圧自然発症ラット (SHR) 血漿/血清を用いた放射線と相関する高血圧症の経時変動指標分子探索. 第 60 回日本放射線影響学会; 20171026; 千葉.

阿部 悠, 菅井美咲, 黒須由美子, 津山尚宏, 柳 亜希, 柳井祐佳里, 吉田光明, 大葉 隆, 野地秀義, 石川徹夫, 神谷研二, 坂井 晃. 継続的な CT 検査による染色体異常形成数の累積性の検討. 第 60 回日本放射線影響学会; 20171026; 千葉.

### 〔シンポジウム〕

阿部 悠, 三浦富智, 吉田光明, 黒須由美子, 菅井美咲, 柳 亜希, 柳井祐佳里, 津山尚宏, 稲葉俊哉, 神谷研二, 坂井 晃. シンポジウム: 染色体解析による線量評価のオートメーション化 ―現在の到達点と残る課題.

第 60 回日本放射線影響学会; 20171028; 千葉.

〔招待講演〕

坂井 晃. 骨髄腫幹細胞を考える. 第 35 回広島多発性骨髄腫研究会; 20171007; 広島.

## 疫学講座

### 論 文

〔原 著〕

Ohira T, Nakano H, Nagai M, Yumiya Y, Zhang W, Uemura M, Sakai A, Hashimoto S; Fukushima Health Management Survey Group. Changes in Cardiovascular Risk Factors after the Great East Japan Earthquake. *Asia-Pacific Journal of Public Health*. 201703; 29(2\_suppl):47S-55S.

Harigane M, Suzuki Y, Yasumura S, Ohira T, Yabe H, Maeda M, Abe M, Yamashita S, Kamiya K, Tanigawa K, Akashi M, Kodama K, Ozasa K, Nollet K, Niwa O, Ohtsuru A, Matsui S, Niwa S, Hosoya M, Kunii Y, Itagaki S, Shiga T, Iwasa H, Nakayama Y, Fujii S, Satoh H, Hashimoto S, Takeuchi K, Nakajima S, Momoi M, Goto S, Mashiko H, Ohta M, Goto A, Hisata M, Kawakami N, Yagi A, Oiwa Y, Ueda Y, Horikoshi N, Kashiwazaki Y, Takeda G. The Relationship between Functional Independence and Psychological Distress in Elderly Adults Following the Fukushima Daiichi Nuclear Power Plant Accident: The Fukushima Health Management Survey. *Asia-Pacific Journal of Public Health*. 201703; 29(2\_suppl):120S-130S.

Itagaki S, Harigane M, Maeda M, Yasumura S, Suzuki Y, Mashiko H, Nagai M, Ohira T, Yabe H, Mental Health Group of the Fukushima Health Management Survey. Exercise Habits Are Important for the Mental Health of Children in Fukushima After the Fukushima Daiichi Disaster. *Asia-Pacific Journal of Public Health*. 201703; 29(2\_suppl):171S-181S.

Oe M, Takahashi H, Maeda M, Harigane M, Fujii S, Miura I, Nagai M, Yabe H, Ohira T, Suzuki Y, Yasumura S, Abe M. Changes of Posttraumatic Stress Responses in Evacuated Residents and Their Related Factors. *Asia-Pacific Journal of Public Health*. 201703; 29(2\_suppl):182S-192S.

Liu K, Cui R, Eshak ES, Cui M, Dong JY, Kiyama M, Okada T, Kitamura A, Umesawa M, Yamagishi K, Imano H, Ohira T, Iso H. Associations of central aortic pressure and brachial blood pressure with flow mediated dilatation in apparently healthy Japanese men: The Circulatory Risk in Communities Study (CIRCS). *Atherosclerosis*. 201704; 259:46-50.